

CLAIMS

What is claimed is:

1. A method of producing a substrate for a plasma display panel by providing a rib on
5 a base, which comprises the steps of:
 contacting a rib precursor containing a first photo-setting initiator having a first
absorption edge and a first photo-setting component closely with said base;
 filling a mold, obtained by photo-setting of a second photo-setting initiator having a
second absorption edge whose wavelength is shorter than a wavelength corresponding to
10 said first absorption edge of said first photo-setting initiator, with said rib precursor;
 exposing said rib precursor to light having a wavelength longer than a wavelength
corresponding to said second absorption edge, thereby setting said rib precursor; and
 removing said mold.
- 15 2. The method according to claim 1, wherein the base and mold are transparent and
exposure of the rib precursor to light is conducted via the base and mold.
3. The method according to claim 1 or 2, wherein the mold is flexible.
- 20 4. The method according to any one of claims 1 to 3, wherein the first photo-setting
initiator has the first absorption edge corresponding to a wavelength of 400 to 500 nm and
the second photo-setting initiator has the second absorption edge corresponding to a
wavelength of 300 to 400 nm.
- 25 5. The method according to any one of claims 1 to 4, wherein the first photo-setting
component and second photo-setting component are acrylic resin.
6. The method according to any one of claims 1 to 5, wherein the rib precursor
contains a powder of ceramic and optionally contains a powder of glass.

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7. A mold for a substrate for a plasma display panel comprising a base and a rib formed from a rib precursor containing a first photo-setting initiator having a first absorption edge and a first photo-setting component, said mold being obtained by photo-setting a second photo-setting component in the presence of a second photo-setting initiator having an absorption edge whose wavelength is shorter than a wavelength corresponding to said first absorption edge of said first photo-setting initiator.
8. The mold according to claim 7, which is flexible.
9. The mold according to claim 7 or 8, which is transparent.